


Détail de l'offre : Research Engineer on Fluid Mechanics

Recruteur	 EDF China
Adresse	Pékin
Ville	Pékin
Référence	25D1747271852
Titre de l'offre	Research Engineer on Fluid Mechanics
Description du poste	<p>1. Technical contribution to the fluid mechanics activities in link with EDF's own software:</p> <ul style="list-style-type: none"> - Numerical simulation study: phenomena on thermal hydraulics (steam condensation, water entrainment etc.), free-surface flow (wave, deep current etc.) and fire (safety analysis) - Experimental study: thermal hydraulic phenomena (steam condensation, water entrainment in T-junction) <p>2. Support the work of project managers on activities linked to fluid mechanics: projects' pre-analysis, experiment preparation, mission report, etc.</p>
Type de contrat	CDD 1 year then CDI CDI
Télétravail	Non spécifié
Fonction	Etudes/ R&D / Qualité
Société	EDF China Holding
Description de la société	<p>EDF China R&D Center is the affiliate of both EDF China and EDF R&D France. As a multi-national team of EDF R&D, its main functions are to provide technical support for EDF's local business in China, to support research activities of EDF R&D, and to carry out R&D cooperation with local partners in China.</p> <p>You will join the Modeling For Generation team of EDF R&D China center as a Research Engineer on Fluid Mechanics.</p> <p>This position is mainly expected to contribute directly to the fluid mechanics activities based on EDF's own software (code_saturne, neptune_cfd, Telemac 2D/3D, Tomawac), and participate in experimental studies realized in the local partners.</p> <p>In addition, you are expected to support project managers in the cooperation with both internal and external partners of EDF R&D China Center.</p>
Localisation	Pékin
Code localisation	Etranger hors UE
Pays	Chine
Région	Beijing
Description du profil	<p>Professional experience and skills / Technical Knowledge</p> <ul style="list-style-type: none"> • Master's or Doctor's degree in science & engineering field (or Engineer degree of French Grande Ecole), with preference of nuclear energy-oriented experience. • Familiar with CFD (computational Fluid Dynamics), with preference of experience on real projects <p>Language</p> <ul style="list-style-type: none"> • Native Chinese speaker, and fluent English especially for speaking and writing. Speaking French is a strong plus. <p>Capabilities required</p> <ul style="list-style-type: none"> • Team spirit; motivation to work in a multicultural environment. • Animation and negotiation capability, good communication. • Reporting skills <p>Additional</p> <ul style="list-style-type: none"> • An academic or industrial experience abroad would be appreciated.
Secteur	Énergie - Extraction
Langue	Anglais